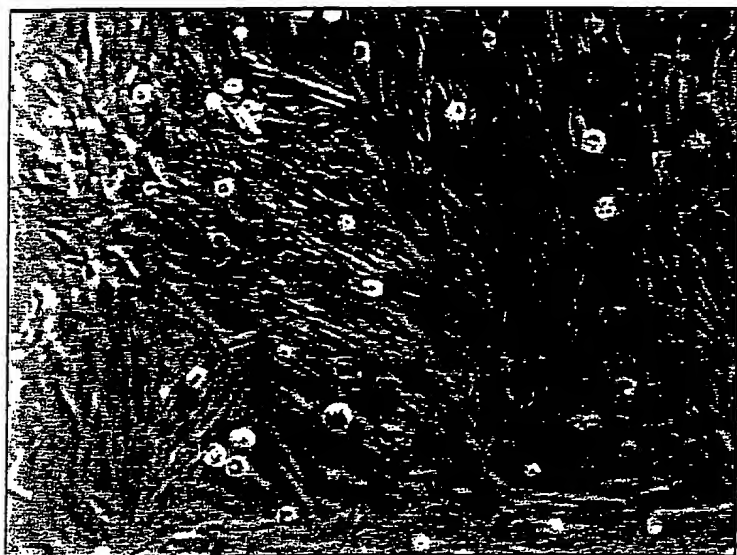


EXHIBIT D

# BEST AVAILABLE COPY

Utilized CCF-STTG1 cells for an uptake experiment following the uptake protocol 1.00



CCF-STTG1  
su.

assay:

Compd tested: AM404  
(plate reversed)

Compd tested: AM404

Cells in culture  
5 days since replating.

For an experiment, we reversed the orientation of the plate, to assure that different positioning of the dilutions gave the usual result.

Usual position:

control	1.0
0.03	3.0
0.1	10.0
0.3	30.0

Position this  
Experiment:

Control	1.0
0.03	3.0
0.1	10.0
0.3	30.0

F-STTG1

30nM unlabelled anandamide +

	0.45nM [ <sup>3</sup> H] anandamide	+ 0.1% DMSO	
849-851	"	"	+ 0.03 μM AM404
852-854	"	"	+ 0.1 μM AM404
855-857	"	"	+ 0.3 μM AM404
858-860	"	"	+ 1.0 μM AM404
861-863	"	"	+ 3.0 μM AM404
864-866	"	"	+ 10.0 μM AM404
867-867	"	"	+ 30.0 μM AM404
868-870	"	"	

Pre-incubation time: 13 min.

Incubation time: 4 min.

Cells detached by  
sonicating for 60 seconds

000013

PROTOCOL : 9 3H180  
DATE :  
TIME : 23:20  
FILE : DL:\P09AS268.TXT  
D : P09AS268

AM404  
plate  
removed

BEST AVAILABLE COPY

unknown samples:

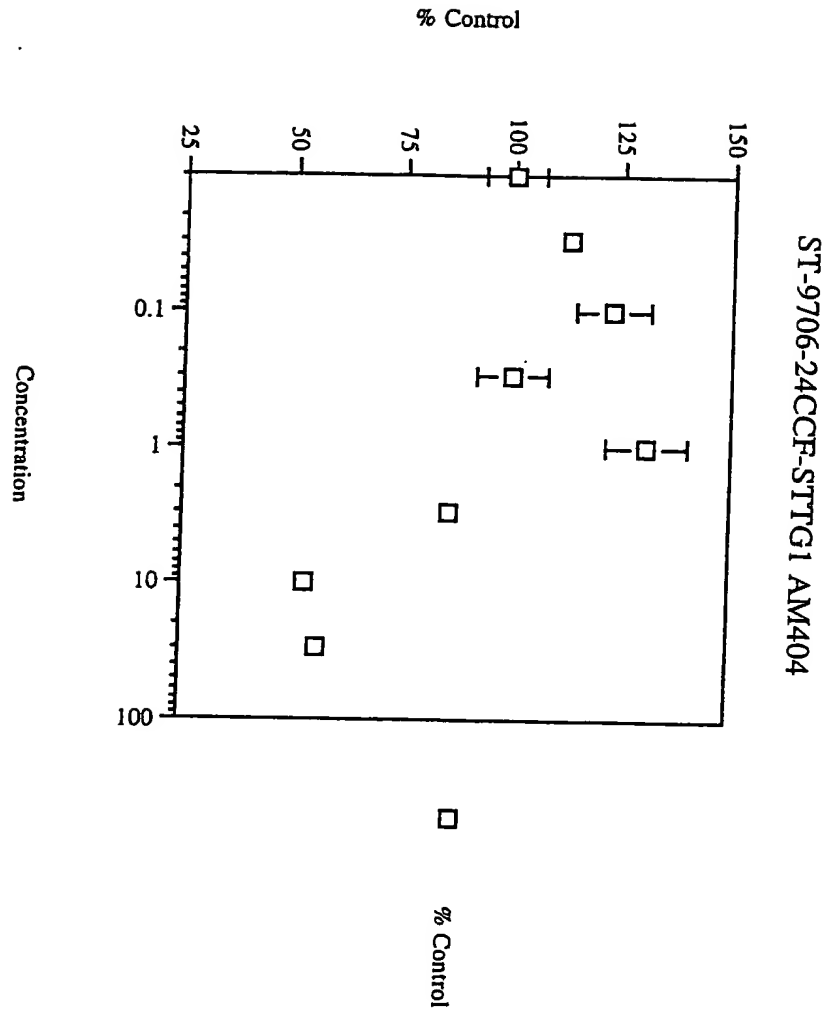
Pos	CTime	H3 DPM
1	180	52885.4
2	180	53120.4
3	180	<u>50669.1</u>
4	180	40572.4
5	180	41113.0
6	180	<u>38202.0</u>
13	180	8638.7
14	180	10742.7
15	180	<u>8976.8</u>
16	180	8657.0
17	180	8703.1
18	180	8984.0

Pos	CTime	H3 DPM
19	180	38553.2
20	180	39000.7
21	180	<u>35904.7</u>
22	180	32065.7
23	180	30294.2
24	180	<u>29954.6</u>
31	180	6427.7
32	180	6820.8
33	180	<u>6553.2</u>
34	180	4223.6
35	180	4269.0
36	180	3875.0

Pos	CTime	H3 DPM
37	180	44371.4
38	180	43467.7
39	180	<u>39536.3</u>
40	180	40173.0
41	180	39243.9
42	180	<u>38360.3</u>
43	180	7367.4
50	180	7776.7
51	180	<u>9212.5</u>
52	180	3594.0
53	180	3209.8
54	180	2919.0

Pos	CTime	H3 DPM
55	180	37022.1
56	180	36587.7
57	180	33426.4
58	180	<u>42599.7</u>
59	180	41136.0
60	180	<u>40664.1</u>
7	180	7681.0
8	180	5987.7
9	180	<u>5077.1</u>
0	180	3430.0
1	180	3822.0
2	180	3552.1

000014



UCI-STTG1 Uptake & Inhibition with

Column ID	A		B		C		D		E		F		G		H		I		J		K	
Column Title	Control In	Raw Data	0.03 In	Raw Data	0.1 In	Raw Data	0.3 In	Raw Data	1.0 In	Raw Data	3.0 In	Raw Data	10.0 In	Raw Data	30.0 In	Raw Data	Control c	Raw Data	0.03 c	Raw Data	0.1 c	Raw Data
Raw or Mean	5.2225e+04	7820e+04	1.2458e+04	1.2458e+04	1.2458e+04	1.2458e+04	1.2458e+04	1.2458e+04	1.2458e+04	1.2458e+04	1.2458e+04	1.2458e+04	1.2458e+04	1.2458e+04	1.2458e+04	1.2458e+04	1.2458e+04	1.2458e+04	1.2458e+04	1.2458e+04	1.2458e+04	1.2458e+04
Mean	1352.36	1673.21	2570.58	2570.58	2570.58	2570.58	2570.58	2570.58	2570.58	2570.58	2570.58	2570.58	2570.58	2570.58	2570.58	2570.58	2570.58	2570.58	2570.58	2570.58	2570.58	2570.58
SD	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Sample size	780.79	966.03	1484.12	1484.12	1484.12	1484.12	1484.12	1484.12	1484.12	1484.12	1484.12	1484.12	1484.12	1484.12	1484.12	1484.12	1484.12	1484.12	1484.12	1484.12	1484.12	1484.12
SEM	4.8865e+04	3.3663e+04	6.072e+04	6.072e+04	6.072e+04	6.072e+04	6.072e+04	6.072e+04	6.072e+04	6.072e+04	6.072e+04	6.072e+04	6.072e+04	6.072e+04	6.072e+04	6.072e+04	6.072e+04	6.072e+04	6.072e+04	6.072e+04	6.072e+04	6.072e+04
95% CI min	5.5584e+04	1.1976e+04	1.8844e+04	1.8844e+04	1.8844e+04	1.8844e+04	1.8844e+04	1.8844e+04	1.8844e+04	1.8844e+04	1.8844e+04	1.8844e+04	1.8844e+04	1.8844e+04	1.8844e+04	1.8844e+04	1.8844e+04	1.8844e+04	1.8844e+04	1.8844e+04	1.8844e+04	1.8844e+04
95% CI max	5.0669e+04	3.5905e+04	3.9536e+04	3.9536e+04	3.9536e+04	3.9536e+04	3.9536e+04	3.9536e+04	3.9536e+04	3.9536e+04	3.9536e+04	3.9536e+04	3.9536e+04	3.9536e+04	3.9536e+04	3.9536e+04	3.9536e+04	3.9536e+04	3.9536e+04	3.9536e+04	3.9536e+04	3.9536e+04
Minimum	5.3120e+04	3.9001e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04
Maximum	5.3120e+04	3.9001e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04	4.4371e+04

L		M		N		O		P	
0.3 c		1.0 c		3.0 c		10.0 c		30.0 c	
Raw Data		Raw Data		Raw Data		Raw Data		Raw Data	
5532.50		8115.00		4122.67		3241.00		3601.67	
644.17		979.73		215.66		338.57		200.48	
2		3		3		3		3	
455.50		565.65		124.51		195.47		115.75	
-255.08		5681.01		3586.89		2389.89		3103.61	
1.1320e+04		1.0549e+04		4658.45		4082.11		4098.73	
5077.00		6984.00		3875.00		2918.00		3430.00	
5988.00		8703.00		4269.00		3584.00		3822.00	

ST-9706-24CCF-STTG1 AM404

1		2		3		4		5		6		7		8		9	
Concentration		Initial		In the cell		SEM		Corr fac		In the cell c		SEM c		% Control		SEM %	
1	0.01	52225		8109		563		1		8109		563		100		6.94	
2	0.03	37820		6614		107		1.381		9133.934		147.767		113		1.825	
3	0.1	42458		8119		560		1.23		9986.37		688.8		123		8.5	
4	0.3	35679		5533		455		1.464		8100.312		666.12		100		8.21	
5	1	39962		8115		566		1.307		10606.305		739.762		131		9.13	
6	3	30772		4123		125		1.697		6996.731		212.125		86		2.61	
7	10	39260		3241		195		1.33		4310.53		259.35		53		3.19	
8	30	41467		3602		116		1.259		4534.918		148.044		-		-	

8: